



DIGITAL INDUSTRIES SOFTWARE

Digital Manufacturing for Industrial Machinery

[siemens.com/software](https://www.siemens.com/software)

SIEMENS

It's time to focus on Manufacturing Operations Management

As the relationship between manufacturers and their end customers has grown closer through the power of the internet, customers are increasingly telling manufacturers exactly what they want and when they want it.

That's why manufacturers need to be able to respond quickly with improved flexibility and individualized mass production.

To stay competitive now and in the future, all this needs to be accomplished with a focus on efficiency, reducing energy and resource consumption as it relates to producing the machine and the end product in operation.

Manufacturers need to connect their existing systems, which are often divided into Information Technology (IT) and Operational Technology (OT) domains.

Manufacturing Operations Management (MOM) bridges the product and production lifecycle with automation domains, enabling users to implement strategies for the complete digitalization and integration of their product and production lifecycles.

Advanced planning and scheduling, manufacturing execution, quality management and manufacturing intelligence work together to optimize production processes and drive operational excellence.

Pieces of the MOM puzzle



Drive operational excellence with steady improvements in:

Efficiency

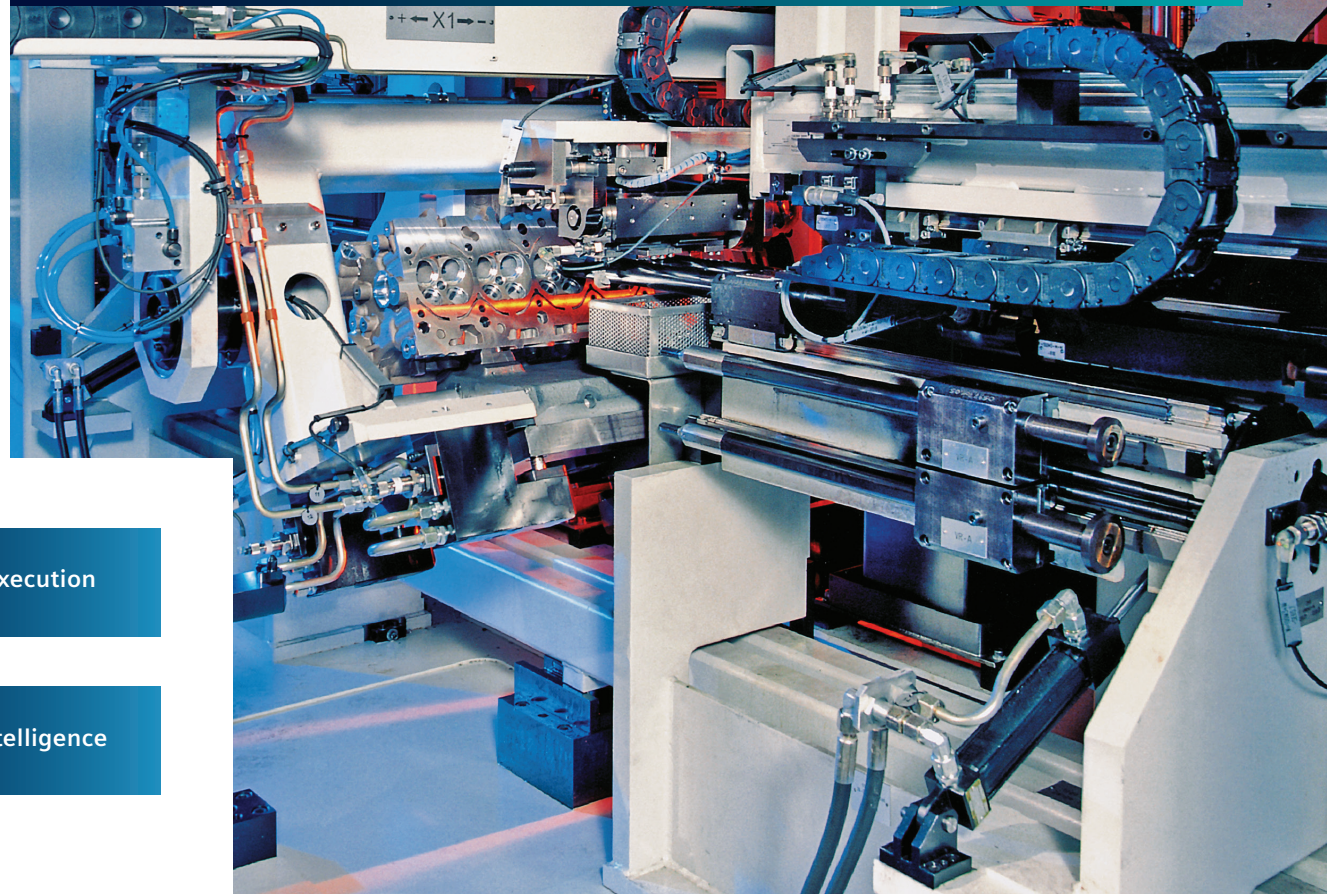
End to end visibility into production operations and quality management, connecting automated operations equipment and systems on the shop floor to the decision makers in product development, manufacturing engineering, production, and enterprise management.

Flexibility

Model, visualize, optimize update, and harmonize production processes globally to collect, plan and schedule, aggregate, analyze and respond to real-time manufacturing events.

Time to market

Gain the flexibility and scalability of production processes required to maximize responsiveness.



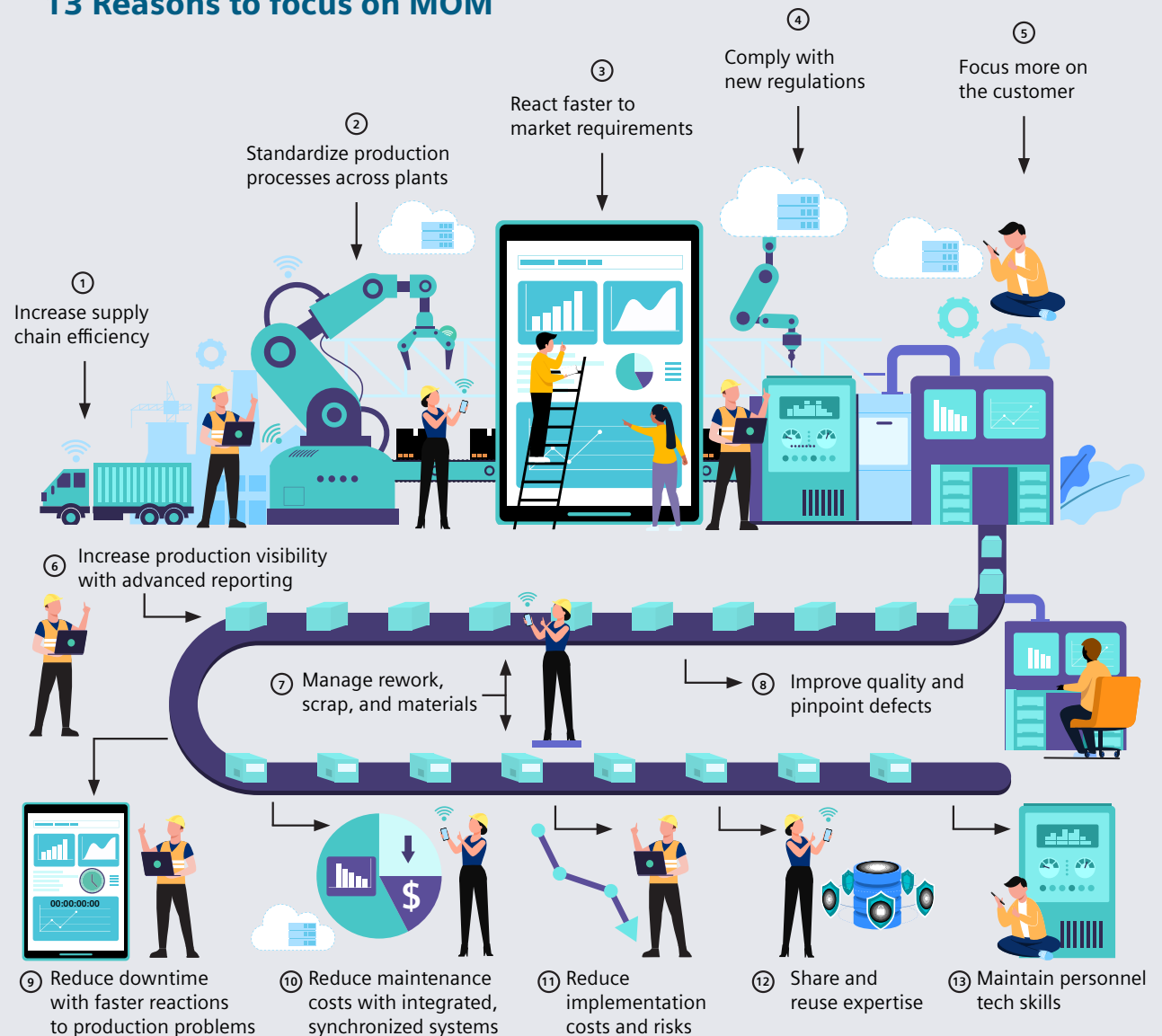
A MOM solution to succeed

Opcenter Execution Discrete offers a set of modules including the MOM core requirements for part manufacturing and complex manual assembly.

By modeling and defining production procedures, Opcenter Execution Discrete effectively increases the visibility of the entire production process.

- Close alignment and synchronization between product design and production environments.
- Ability to introduce product design changes after production has started.
- Operator guidance to ensure timely and accurate execution.
- Traceability, genealogy and visibility of work-in-progress (WIP) to understand current production status and support decision-making.
- Deviations and non-conformances can be managed by tying into customizable sentencing and rework processes.
- Support for mobility with use on a wide range of devices.

13 Reasons to focus on MOM





Click here to learn more about Opcenter, discover its capabilities and the benefits it brings in this detailed white paper

The Siemens industrial software portfolio combines different capabilities to benefit different aspects of business, production and IT.

Working together, these systems fill the gap between business level systems and control systems to increase overall supply chain efficiency and give manufacturers the ability to adapt and modify business processes to meet new requirements.

At the same time, it can model and define production procedures, which increases visibility of the entire production process, align product design and production, and improve overall quality.

All these solutions can connect and interact with external and legacy IT systems to deliver out-of-the-box functionality. Standard industry-specific capabilities are immediately available and users can also modify existing features or develop new functionality entirely.

A holistic MOM solution like Opcenter tackles the business, production, and IT challenges manufacturers face, and it accomplishes all this through digitalization.

A completely digitalized manufacturing operations provides end-to-end visibility, allowing decision-makers to readily identify areas for improvement and make the necessary adjustments for more efficient production.

About Siemens Digital Industries Software

Siemens Digital Industries Software is driving transformation to enable a digital enterprise where engineering, manufacturing and electronics design meet tomorrow. Xcelerator, the comprehensive and integrated portfolio of software and services from Siemens Digital Industries Software, helps companies of all sizes create and leverage a comprehensive digital twin that provides organizations with new insights, opportunities and levels of automation to drive innovation. For more information on Siemens Digital Industries Software products and services, visit siemens.com/software or follow us on [LinkedIn](#), [Twitter](#), [Facebook](#) and [Instagram](#). Siemens Digital Industries Software – Where today meets tomorrow.

Americas: 1 800 498 5351

EMEA: 00 800 70002222

Asia-Pacific: 001 800 03061910

For additional numbers, click [here](#).

© 2022 Siemens. A list of relevant Siemens trademarks can be found [here](#).
Other trademarks belong to their respective owners.
84825